GOVERNMENT OF INDIA
POWER
LOK SABHA

UNSTARRED QUESTION NO:5386
ANSWERED ON:06.04.2017
T&D Lossses
Ramachandran Shri Krishnan Narayanasamy

Will the Minister of POWER be pleased to state:

(a) whether any standards with regard to transmission and distribution of electricity have been fixed by advanced countries;

(b) if so, the details thereof along with the Transmission and Distribution (T&D) losses suffered in the country in comparison to the advanced countries, State-wise;

(c) whether the factors responsible for T&D losses have been assessed;

(d) if so, the steps taken by the Government to reduce the losses along with the success achieved therein; and

(e) whether the Government proposes to modernize the State Electricity Boards (SEBs) specifically to reduce leakages and losses and if so, the details thereof?

Answer

THE MINISTER OF STATE (INDEPENDENT CHARGE) FOR POWER,
COAL, NEW & RENEWABLE ENERGY AND MINES

(SHRI PIYUSH GOYAL)

(a) & (b) : There are no universally accepted standards for Transmission and Distribution (T&D) losses. State-wise percentage of T&D losses (including energy unaccounted for) in the country during the last three years are given at Annex. In comparison to advanced countries, Transmission & Distribution losses in India are high. This is because upgradation has not taken place over several years.

(c) : The factors responsible for Aggregate Technical & Commercial (AT&C) losses and T&D losses are overloading of existing lines and substation equipment; Low HT: LT lines ratio; poor repair and maintenance of equipment; non-installation of sufficient capacitors/reactive power equipment; low metering/billing/collection efficiency; theft and pilferage of electricity & tampering of meters.

(d) & (e) : The responsibility of reduction of AT&C losses in the Distribution network rests with the State power department/utilities. However, to facilitate the reduction of AT&C losses and to improve power distribution system, the Government of India has launched schemes such as Integrated Power Development Scheme (IPDS), Deen Dayal Upadhyaya Gram Jyoti Yojana (DDUGJY), National Electricity Fund (NEF) and Ujwal DISCOM Assurance Yojana (UDAY).

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